

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 2892 | compare with (signal near3 (level or strength)) and @ad<"20030220" and network   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2008/11/25<br>13:27 |
| L2    | 1557 | compare with (signal near1 (level or strength)) and @ad<"20030220" and network   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2008/11/25<br>13:29 |
| L3    | 2892 | compare with (signal near3 (level or strength)) and @ad<"20030220" and network   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2008/11/25<br>13:29 |
| L4    | 91   | (compare with (signal near3 (level or strength))) same access and @ad<"20030220" and network   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2008/11/25<br>13:33 |
| L8    | 65   | ("20010007815"   "20010010495"  <br>"20010011940"   "20010011943"  <br>"20010013830"   "20010016800"  <br>"20010020897"   "20020069030"  <br>"20020110100"   "3906166"   "4980897"  <br>"5131038"   "5265150"   "5297192"  <br>"5357559"   "5422930"   "5442680"  <br>"5485505"   "5499199"   "5526402"  <br>"5543797"   "5544225"   "5745777"  <br>"5821854"   "5842118"   "5959530"  <br>"5960085"   "6061389"   "6070240"  <br>"6088450"   "6218942"   "6222522"  <br>"6229445"   "6265963"   "6330450"  <br>"6445297"   "6459704"),PN. OR ("5862475"<br>  "6763315"),URFN. | US-PGPUB;<br>USPAT; USOCR   | ADJ              | ON      | 2008/11/25<br>14:03 |
| L9    | 29   | ("20010007815"   "20010010495"  <br>"20010011940"   "20010011943"  <br>"20010013830"   "20010016800"  <br>"20010020897"   "20020069030"  <br>"20020110100"   "3906166"   "4980897"  <br>"5131038"   "5499199"   "5543797"  <br>"5745777"   "5821854"   "5842118"  <br>"5959530"   "5960085"   "6061389"  <br>"6070240"   "6088450"   "6218942"  <br>"6222522"   "6229445"   "6265963"  <br>"6330450"   "6445297"   "6459704"),PN.  | US-PGPUB;<br>USPAT; USOCR   | ADJ              | ON      | 2008/11/25<br>14:03 |
| L10   | 20   | l8 and threshold   | US-PGPUB;<br>USPAT; USOCR   | ADJ              | ON      | 2008/11/25<br>14:04 |

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| L11 | 142   | (I3 or I4 or I8) and threshold with (determin\$4 or set or calculate\$3) with (previous or average) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>14:20 |
| L12 | 6     | (I4 or I8) and (compar\$4) with level with (previous or average)                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>14:23 |
| L13 | 2     | "7113087".did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>14:48 |
| L14 | 9     | (I3 or I4 or I8) and adjust with threshold with (previous\$3 or average\$3)                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>14:54 |
| L15 | 9     | (I3 or I4 or I8) and adjust with threshold with (previous\$3 or average\$3)                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>14:54 |
| L16 | 0     | (singal near3 level) with adjust with threshold with (previous\$3 or averag\$3)                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>15:06 |
| L17 | 46    | (signal near3 level) with adjust with threshold with (previous\$3 or average\$3)                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>15:06 |
| L18 | 39    | (signal near3 level) with adjust with threshold with (previous\$3 or average\$3) and @ad<"20030220" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>15:06 |
| L20 | 14667 | 709/208,209,217,220,222,225.cds.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:39 |
| L21 | 5     | I3 and I20  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:40 |

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| L22 | 3   | DOGANOWSKI.in.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:40 |
| L23 | 1   | DOGANOWSKI.in. and signal.clm.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:40 |
| L24 | 986 | entitlement control message   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L25 | 423 | entitlement control message and<br>@ad<"20030220"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L26 | 27  | entitlement control message and<br>@ad<"20030220" and master and slave                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L27 | 2   | "5748732".dld.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L28 | 20  | entitlement control message and<br>@ad<"20030220" and master and slave<br>and coupl\$5                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L29 | 433 | (distance same signal same level) and<br>@ad<"20030220" and master and slave<br>and coupl\$5                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L30 | 117 | (distance with signal with level) and<br>@ad<"20030220" and master and slave<br>and coupl\$5                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L31 | 2   | (determine with distance with signal with<br>level) and @ad<"20030220" and master<br>and slave and coupl\$5 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |

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| L32 | 2    | ((determine\$3 with distance with signal with level) and @ad<"20030220" and master and slave and coupl\$5              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L33 | 388  | ((determine\$3 with distance with signal with level) and @ad<"20030220" and coupl\$5                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L34 | 854  | ((determine\$3 with distance with signal with level) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L35 | 202  | ((determine\$3 near3 distance) with (signal near3 level)) and @ad<"20030220"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L36 | 50   | ((determine\$3 near3 distance) with (signal near3 level)) and @ad<"20030220" and network                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L37 | 1144 | ((distance) with (signal near3 level)) and @ad<"20030220" and network  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L38 | 729  | ((distance) with (signal near3 level)) and maximum) and @ad<"20030220" and network                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L39 | 130  | ((distance) with (signal near3 level)) same maximum) and @ad<"20030220" and network                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L40 | 8    | ((calculate or determine) with distance) with (signal near3 level)) same maximum) and @ad<"20030220" and network       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L41 | 11   | ((calculate\$3 or determine\$3) with distance) with (signal near3 level)) same maximum) and @ad<"20030220" and network | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |

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| L42 | 762 | compare with (signal near3 (level or quality)) with (predetermined or value) and @ad<"20030220" and network | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L43 | 346 | compare with (signal near3 (level)) with (predetermined) and @ad<"20030220" and network                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L44 | 560 | compare with (signal near3 (level)) with (threshold) and @ad<"20030220" and network                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L45 | 414 | compare with (signal near2 (level)) with (threshold) and @ad<"20030220" and network                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L46 | 381 | monitor with (signal near2 (level)) with (threshold) and @ad<"20030220"                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L47 | 147 | monitor with (signal near2 (level)) with (threshold) and @ad<"20030220" and network                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L48 | 53  | monitor with (signal level) with (threshold) and @ad<"20030220" and network                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L49 | 0   | ((monitor with (signal level) with (threshold)) same clean and @ad<"20030220" and network                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L50 | 0   | ((monitor with (signal level) with (threshold)) same clean) and @ad<"20030220" and network                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L51 | 0   | ((monitor with (signal level)) same (clean with (shutdown or logoff))) and @ad<"20030220" and network       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |

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| L52 | 0    | ((monitor with (signal level)) same (clean with (shut down or shutdown or logoff or log off))) and @ad<"20030220" and network | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L53 | 10   | ((monitor with (signal level)) same ((shut down or shutdown or logoff or log off))) and @ad<"20030220" and network            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L54 | 1    | (monitor with (signal level)) same (network with configuration) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L55 | 1250 | (monitor with network with configuration) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L56 | 9    | (monitor with network with configuration) same (detect with change) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L57 | 18   | entitlement control message and @ad<"20020306" and master and slave and coupl\$5  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L58 | 25   | entitlement control message and @ad<"20020306" and master and slave   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L59 | 35   | wo 00/04718   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L60 | 5    | "200004718".did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L61 | 28   | entitlement adj2 message and @ad<"20020306" and master and slave  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |

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| L62 | 78 | entitlement adj2 message and @ad<"20020306" and ((multiple or plurality) with decoder) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L63 | 26 | entitlement adj2 message and @ad<"20020306" and ((multiple or plurality) adj5 decoder) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L64 | 6  | entitlement adj2 message and @ad<"20020306" and ((multiple or plurality) adj5 IRD)     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L65 | 0  | WO-200004718\$.did   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L66 | 0  | WO-200004718\$.did   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L67 | 0  | WO-200004718\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L68 | 0  | (WO "200004718\$").did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L69 | 2  | "5307411".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L70 | 2  | "5422939".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L71 | 19 | "5748732"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |

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| L72 | 2     | "5748732".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L73 | 2     | "6405369".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L74 | 16    | (US-20040057565-\$ or US-20020126711-\$ or US-20040203989-\$ or US-20030095537-\$ or US-20020032761-\$).did. or (US-7191335-\$ or US-5748732-\$ or US-7039169-\$ or US-6594361-\$ or US-6973303-\$ or US-6154447-\$ or US-6904522-\$ or US-6219100-\$ or US-5307411-\$ or US-5422939-\$ or US-6405369-\$).did. or (WO-200004718-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| L75 | 11    | L74 and @ad<"20020306"   | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| L76 | 8     | (operate or continue or transmit) with only with cable with length with (exceed or within)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L77 | 19145 | (operate or continue or transmit) with only with (exceed or within)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L78 | 20286 | (operate or continue or transmit) with only with (connected or detected)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L79 | 324   | (transmit) adj6 only adj4 (connected or detected)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L80 | 475   | (transmit) adj6 only adj6 (connected or detected)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L81 | 18    | (transmit) adj6 only adj6 (connected or detected) and "709".clas. and @ad<"20020306"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |



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| L82 | 0   | EP-0726676\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L83 | 0   | EP-00726676\$.did.   | US-PGPUB;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | ADJ | ON | 2008/11/25<br>16:41 |
| L84 | 0   | EP-0000\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L85 | 3   | EP-000\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L86 | 794 | EP-00\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L87 | 0   | EP-0726676\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L88 | 16  | (US-20020126711-\$ or US-20040057565-\$ or US-20020032761-\$ or US-20040203989-\$ or US-20030095537-\$).did. or (US-6904522-\$ or US-5748732-\$ or US-7039169-\$ or US-7191335-\$ or US-6594361-\$ or US-6973303-\$ or US-6219100-\$ or US-5307411-\$ or US-6154447-\$ or US-6405369-\$ or US-5422939-\$).did. or (WO-200004718-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| L89 | 11  | L88 and @ad< "20020306"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L90 | 11  | L88 and (@ad< "20020306" or @rlad< "20020306")   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |

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| L91  | 2   | "5748732".did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L92  | 459 | entitlement adj3 message and<br>@ad< "20020306"   | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| L93  | 28  | entitlement adj3 message and<br>@ad< "20020306" and master with slave                         | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| L94  | 92  | entitlement adj3 message and<br>@ad< "20020306" and periodic\$5 same<br>transmit\$5           | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| L95  | 19  | L94 and L93   | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| L96  | 986 | entitlement control message   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L97  | 423 | entitlement control message and<br>@ad< "20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L98  | 27  | entitlement control message and<br>@ad< "20030220" and master and slave                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L99  | 2   | "5748732".did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L100 | 20  | entitlement control message and<br>@ad< "20030220" and master and slave<br>and coupl\$5       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L101 | 433 | (distance same signal same level) and<br>@ad< "20030220" and master and slave<br>and coupl\$5 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L102 | 117 | (distance with signal with level) and<br>@ad< "20030220" and master and slave<br>and coupl\$5 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |

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| L103 | 2    | (determine with distance with signal with level) and @ad<"20030220" and master and slave and coupl\$5               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L104 | 2    | (determine\$3 with distance with signal with level) and @ad<"20030220" and master and slave and coupl\$5            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L105 | 388  | (determine\$3 with distance with signal with level) and @ad<"20030220" and coupl\$5                                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L106 | 854  | (determine\$3 with distance with signal with level) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L107 | 202  | ((determine\$3 near3 distance) with (signal near3 level)) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L108 | 50   | ((determine\$3 near3 distance) with (signal near3 level)) and @ad<"20030220" and network                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L109 | 1144 | ((distance) with (signal near3 level)) and @ad<"20030220" and network   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L110 | 729  | ((((distance) with (signal near3 level)) and maximum) and @ad<"20030220" and network                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L111 | 130  | (((((distance) with (signal near3 level)) same maximum) and @ad<"20030220" and network                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L112 | 8    | (((((calculate or determine) with distance) with (signal near3 level)) same maximum) and @ad<"20030220" and network | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |

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| L113 | 11  | (((((calculate\$3 or determine\$3) with distance) with (signal near3 level)) same maximum) and @ad<"20030220" and network | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L114 | 762 | compare with (signal near3 (level or quality)) with (predetermined or value) and @ad<"20030220" and network               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L115 | 346 | compare with (signal near3 (level)) with (predetermined) and @ad<"20030220" and network                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L116 | 560 | compare with (signal near3 (level)) with (threshold) and @ad<"20030220" and network                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L117 | 414 | compare with (signal near2 (level)) with (threshold) and @ad<"20030220" and network                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L118 | 381 | monitor with (signal near2 (level)) with (threshold) and @ad<"20030220"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L119 | 147 | monitor with (signal near2 (level)) with (threshold) and @ad<"20030220" and network                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L120 | 53  | monitor with (signal level) with (threshold) and @ad<"20030220" and network   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L121 | 0   | (monitor with (signal level) with (threshold)) same clean and @ad<"20030220" and network                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L122 | 0   | ((monitor with (signal level) with (threshold)) same clean) and @ad<"20030220" and network                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |

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| L123 | 0    | ((monitor with (signal level)) same (clean with (shutdown or logoff))) and @ad<"20030220" and network                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L124 | 0    | ((monitor with (signal level)) same (clean with (shut down or shutdown or logoff or log off))) and @ad<"20030220" and network | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L125 | 10   | ((monitor with (signal level)) same ((shut down or shutdown or logoff or log off))) and @ad<"20030220" and network            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L126 | 1    | (monitor with (signal level)) same (network with configuration) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L127 | 1250 | (monitor with network with configuration) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L128 | 9    | (monitor with network with configuration) same (detect with change) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L129 | 18   | entitlement control message and @ad<"20020306" and master and slave and coup\$5   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L130 | 25   | entitlement control message and @ad<"20020306" and master and slave   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L131 | 35   | wo 00/04718   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L132 | 5    | "200004718".did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |

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| L133 | 28 | entitlement adj2 message and @ad<"20020306" and master and slave                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L134 | 78 | entitlement adj2 message and @ad<"20020306" and ((multiple or plurality) with decoder) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L135 | 26 | entitlement adj2 message and @ad<"20020306" and ((multiple or plurality) adj5 decoder) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L136 | 6  | entitlement adj2 message and @ad<"20020306" and ((multiple or plurality) adj5 IRD)     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L137 | 0  | WO-200004718\$.did   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L138 | 0  | WO-200004718\$.did   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L139 | 0  | WO-200004718\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L140 | 0  | (WO "200004718\$").did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L141 | 2  | "5307411".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L142 | 2  | "5422939".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |

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| L143 | 19    | "5748732"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L144 | 2     | "5748732".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L145 | 2     | "6405369".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L146 | 16    | (US-20040057565-\$ or US-20020126711-\$ or US-20040203989-\$ or US-20030095537-\$ or US-20020032761-\$).did. or (US-7191335-\$ or US-5748732-\$ or US-7039169-\$ or US-6594361-\$ or US-6973303-\$ or US-6154447-\$ or US-6904522-\$ or US-6219100-\$ or US-5307411-\$ or US-5422939-\$ or US-6405369-\$).did. or (WO-200004718-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| L147 | 11    | L146 and @ad<"20020306"  | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| L148 | 8     | (operate or continue or transmit) with only with cable with length with (exceed or within)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L149 | 19145 | (operate or continue or transmit) with only with (exceed or within)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L150 | 20286 | (operate or continue or transmit) with only with (connected or detected)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L151 | 324   | (transmit) adj6 only adj4 (connected or detected)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L152 | 475   | (transmit) adj6 only adj6 (connected or detected)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |

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| L153 | 18  | ((transmit) adj6 only adj6 (connected or detected) and "709".clas. and @ad<"20020306"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L154 | 0   | EP-0726676\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L155 | 0   | EP-00726676\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L156 | 0   | EP-0000\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L157 | 3   | EP-000\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L158 | 794 | EP-00\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L159 | 0   | EP-0726676\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L160 | 16  | ((US-20020126711-\$ or US-20040057565-\$ or US-20020032761-\$ or US-20040203989-\$ or US-20030095537-\$).did. or (US-6904522-\$ or US-5748732-\$ or US-7039169-\$ or US-7191335-\$ or US-6594361-\$ or US-6973303-\$ or US-6219100-\$ or US-5307411-\$ or US-6154447-\$ or US-6405369-\$ or US-5422939-\$).did. or (WO-200004718-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| L161 | 11  | L160 and @ad<"20020306"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |



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| L162 | 11  | L160 and (@ad<"20020306" or @rlad<"20020306")  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L163 | 2   | "5748732".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/25<br>16:41 |
| L164 | 459 | entitlement adj3 message and @ad<"20020306"  | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| L165 | 28  | entitlement adj3 message and @ad<"20020306" and master with slave                      | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| L166 | 92  | entitlement adj3 message and @ad<"20020306" and periodic\$5 same transmit\$5           | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| L167 | 19  | L166 and L165  | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/11/25<br>16:41 |
| S1   | 809 | entitlement control message  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>10:35 |
| S2   | 400 | entitlement control message and @ad<"20030220"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>10:36 |
| S3   | 27  | entitlement control message and @ad<"20030220" and master and slave                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>11:47 |
| S4   | 2   | "5748732".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>10:40 |
| S5   | 20  | entitlement control message and @ad<"20030220" and master and slave and coupl\$5       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>18:17 |
| S6   | 430 | (distance same signal same level) and @ad<"20030220" and master and slave and coupl\$5 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>12:10 |

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| S7  | 115  | (distance with signal with level) and @ad<"20030220" and master and slave and coupl\$5                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>12:13 |
| S8  | 2    | (determine with distance with signal with level) and @ad<"20030220" and master and slave and coupl\$5    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>12:13 |
| S9  | 2    | (determine\$3 with distance with signal with level) and @ad<"20030220" and master and slave and coupl\$5 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>12:14 |
| S10 | 384  | (determine\$3 with distance with signal with level) and @ad<"20030220" and coupl\$5                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>12:14 |
| S11 | 869  | (determine\$3 with distance with signal with level) and @ad<"20030220"                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>12:15 |
| S12 | 203  | ((determine\$3 near3 distance) with (signal near3 level)) and @ad<"20030220"                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>12:16 |
| S13 | 49   | ((determine\$3 near3 distance) with (signal near3 level)) and @ad<"20030220" and network                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>12:24 |
| S14 | 1133 | ((distance) with (signal near3 level)) and @ad<"20030220" and network                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>12:25 |
| S15 | 721  | ((distance) with (signal near3 level)) and maximum) and @ad<"20030220" and network                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>12:28 |
| S16 | 127  | ((distance) with (signal near3 level)) same maximum) and @ad<"20030220" and network                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>12:33 |

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| S17 | 8   | (((((calculate or determine) with distance) with (signal near3 level)) same maximum) and @ad<"20030220" and network       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>12:33 |
| S18 | 11  | (((((calculate\$3 or determine\$3) with distance) with (signal near3 level)) same maximum) and @ad<"20030220" and network | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>13:23 |
| S19 | 759 | compare with (signal near3 (level or quality)) with (predetermined or value) and @ad<"20030220" and network               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>13:24 |
| S20 | 346 | compare with (signal near3 (level)) with (predetermined) and @ad<"20030220" and network                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>14:22 |
| S21 | 556 | compare with (signal near3 (level)) with (threshold) and @ad<"20030220" and network                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>14:47 |
| S22 | 416 | compare with (signal near2 (level)) with (threshold) and @ad<"20030220" and network                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>15:00 |
| S23 | 378 | monitor with (signal near2 (level)) with (threshold) and @ad<"20030220"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>15:00 |
| S24 | 145 | monitor with (signal near2 (level)) with (threshold) and @ad<"20030220" and network                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>15:01 |
| S25 | 52  | monitor with (signal level) with (threshold) and @ad<"20030220" and network   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>15:02 |
| S26 | 0   | (monitor with (signal level) with (threshold)) same clean and @ad<"20030220" and network                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>15:02 |

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| S27 | 0    | ((monitor with (signal level) with (threshold)) same clean) and @ad<"20030220" and network                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>15:03 |
| S28 | 0    | ((monitor with (signal level)) same (clean with (shutdown or logoff))) and @ad<"20030220" and network                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>15:03 |
| S29 | 0    | ((monitor with (signal level)) same (clean with (shut down or shutdown or logoff or log off))) and @ad<"20030220" and network | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>15:04 |
| S30 | 10   | ((monitor with (signal level)) same ((shut down or shutdown or logoff or log off))) and @ad<"20030220" and network            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>16:39 |
| S31 | 1    | (monitor with (signal level)) same (network with configuration) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>16:39 |
| S32 | 1230 | (monitor with network with configuration) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>16:40 |
| S33 | 9    | (monitor with network with configuration) same (detect with change) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>16:40 |
| S34 | 18   | entitlement control message and @ad<"20020306" and master and slave and coupl\$5  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>18:17 |
| S35 | 25   | entitlement control message and @ad<"20020306" and master and slave   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>18:28 |
| S36 | 32   | wo 00/04718   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>18:22 |

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| S37 | 6  | "200004718".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>18:22 |
| S38 | 28 | entitlement adj2 message and<br>@ad<"20020306" and master and slave                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>18:39 |
| S39 | 72 | entitlement adj2 message and<br>@ad<"20020306" and ((multiple or<br>plurality) with decoder) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>18:40 |
| S40 | 24 | entitlement adj2 message and<br>@ad<"20020306" and ((multiple or<br>plurality) adj5 decoder) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>18:42 |
| S41 | 6  | entitlement adj2 message and<br>@ad<"20020306" and ((multiple or<br>plurality) adj5 IRD)     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/02<br>18:42 |
| S42 | 0  | WO-200004718\$.did   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>09:37 |
| S43 | 0  | WO-2000004718\$.did  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>09:36 |
| S44 | 1  | WO-200004718\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>09:37 |
| S45 | 1  | (WO "200004718"\$).did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>09:37 |
| S46 | 2  | "5307411".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>09:39 |

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| S47 | 2     | "5422939".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>09:39 |
| S48 | 17    | "5748732"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>09:39 |
| S49 | 2     | "5748732".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>09:39 |
| S50 | 2     | "6405369".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>09:40 |
| S51 | 17    | (US-20040057565-\$ or US-20020126711-\$ or US-20040203989-\$ or US-20030095537-\$ or US-20020032761-\$).did. or (US-7191335-\$ or US-5748732-\$ or US-7039169-\$ or US-6594361-\$ or US-6973303-\$ or US-6154447-\$ or US-6904522-\$ or US-6219100-\$ or US-5307411-\$ or US-5422939-\$ or US-6405369-\$).did. or (WO-200004718-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/01/03<br>09:40 |
| S52 | 12    | S51 and @ad<"20020306"   | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/01/03<br>09:41 |
| S53 | 7     | (operate or continue or transmit) with only with cable with length with (exceed or within)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>12:04 |
| S54 | 17937 | (operate or continue or transmit) with only with (exceed or within)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>12:08 |
| S55 | 19708 | (operate or continue or transmit) with only with (connected or detected)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>12:08 |
| S56 | 293   | (transmit) adj6 only adj4 (connected or detected)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>12:08 |

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| S57 | 430 | (transmit) adj6 only adj6 (connected or detected)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>12:09 |
| S58 | 18  | (transmit) adj6 only adj6 (connected or detected) and "709".clas. and @ad<"20020306"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>12:09 |
| S59 | 0   | EP-0726676\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>18:16 |
| S60 | 0   | EP-00726676\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>18:16 |
| S61 | 0   | EP-0000\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>18:21 |
| S62 | 3   | EP-000\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>18:21 |
| S63 | 794 | EP-00\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>18:21 |
| S64 | 0   | EP-0726676\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/03<br>18:21 |
| S65 | 16  | (US-20020126711-\$ or US-20040057565-\$ or US-20020032761-\$ or US-20040203989-\$ or US-20030095537-\$).did. or (US-6904522-\$ or US-5748732-\$ or US-7039169-\$ or US-7191335-\$ or US-6594361-\$ or US-6973303-\$ or US-6219100-\$ or US-5307411-\$ or US-6154447-\$ or US-6405369-\$ or US-5422939-\$).did. or (WO-200004718-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/06/11<br>09:48 |

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| S66 | 11  | S65 and @ad<"20020306"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/11<br>09:48 |
| S67 | 11  | S65 and (@ad<"20020306" or @rlad<"20020306")                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/11<br>09:48 |
| S68 | 2   | "5748732".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/11<br>09:59 |
| S69 | 451 | entitlement adj3 message and @ad<"20020306"                                      | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/06/11<br>15:23 |
| S70 | 28  | entitlement adj3 message and @ad<"20020306" and master with slave                | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/06/11<br>15:23 |
| S71 | 92  | entitlement adj3 message and @ad<"20020306" and periodic\$5 same transmit\$5     | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/06/11<br>15:23 |
| S72 | 19  | S71 and S70  | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/06/11<br>15:23 |
| S73 | 918 | entitlement control message  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S74 | 413 | entitlement control message and @ad<"20030220"                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S75 | 27  | entitlement control message and @ad<"20030220" and master and slave              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S76 | 2   | "5748732".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S77 | 20  | entitlement control message and @ad<"20030220" and master and slave and coupl\$5 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |



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| S78 | 432  | (distance same signal same level) and @ad<"20030220" and master and slave and coupl\$5                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S79 | 116  | (distance with signal with level) and @ad<"20030220" and master and slave and coupl\$5                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S80 | 2    | (determine with distance with signal with level) and @ad<"20030220" and master and slave and coupl\$5    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S81 | 2    | (determine\$3 with distance with signal with level) and @ad<"20030220" and master and slave and coupl\$5 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S82 | 388  | (determine\$3 with distance with signal with level) and @ad<"20030220" and coupl\$5                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S83 | 853  | (determine\$3 with distance with signal with level) and @ad<"20030220"                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S84 | 202  | ((determine\$3 near3 distance) with (signal near3 level)) and @ad<"20030220"                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S85 | 50   | ((determine\$3 near3 distance) with (signal near3 level)) and @ad<"20030220" and network                 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S86 | 1142 | ((distance) with (signal near3 level)) and @ad<"20030220" and network                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S87 | 728  | ((distance) with (signal near3 level)) and maximum) and @ad<"20030220" and network                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |

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| S88 | 129 | (((((distance) with (signal near3 level)) same maximum) and @ad<"20030220" and network                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S89 | 8   | (((((calculate or determine) with distance) with (signal near3 level)) same maximum) and @ad<"20030220" and network       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S90 | 11  | (((((calculate\$3 or determine\$3) with distance) with (signal near3 level)) same maximum) and @ad<"20030220" and network | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S91 | 761 | compare with (signal near3 (level or quality)) with (predetermined or value) and @ad<"20030220" and network               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S92 | 345 | compare with (signal near3 (level)) with (predetermined) and @ad<"20030220" and network                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S93 | 559 | compare with (signal near3 (level)) with (threshold) and @ad<"20030220" and network                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S94 | 413 | compare with (signal near2 (level)) with (threshold) and @ad<"20030220" and network                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S95 | 379 | monitor with (signal near2 (level)) with (threshold) and @ad<"20030220"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S96 | 145 | monitor with (signal near2 (level)) with (threshold) and @ad<"20030220" and network                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S97 | 53  | monitor with (signal level) with (threshold) and @ad<"20030220" and network   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |

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|------|------|---|---|-----|----|---------------------|
| S98  | 0    | ((monitor with (signal level) with (threshold)) same clean and @ad<"20030220" and network                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S99  | 0    | ((monitor with (signal level) with (threshold)) same clean) and @ad<"20030220" and network                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S100 | 0    | ((monitor with (signal level)) same (clean with (shutdown or logoff))) and @ad<"20030220" and network                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S101 | 0    | ((monitor with (signal level)) same (clean with (shut down or shutdown or logoff or log off))) and @ad<"20030220" and network | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S102 | 10   | ((monitor with (signal level)) same ((shut down or shutdown or logoff or log off))) and @ad<"20030220" and network            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S103 | 1    | (monitor with (signal level)) same (network with configuration) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S104 | 1240 | (monitor with network with configuration) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S105 | 9    | (monitor with network with configuration) same (detect with change) and @ad<"20030220"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S106 | 18   | entitlement control message and @ad<"20020306" and master and slave and coupl\$5  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S107 | 25   | entitlement control message and @ad<"20020306" and master and slave   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |

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| S108 | 33 | wo 00/04718  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S109 | 5  | "200004718".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S110 | 28 | entitlement adj2 message and<br>@ad<"20020306" and master and slave                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S111 | 76 | entitlement adj2 message and<br>@ad<"20020306" and ((multiple or<br>plurality) with decoder) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S112 | 26 | entitlement adj2 message and<br>@ad<"20020306" and ((multiple or<br>plurality) adj5 decoder) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S113 | 6  | entitlement adj2 message and<br>@ad<"20020306" and ((multiple or<br>plurality) adj5 IRD)     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S114 | 0  | WO-200004718\$.did   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S115 | 0  | WO-200004718\$.did   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S116 | 0  | WO-200004718\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S117 | 0  | (WO "200004718\$").did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |

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| S118 | 2     | "5307411".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S119 | 2     | "5422939".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S120 | 17    | "5748732"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S121 | 2     | "5748732".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S122 | 2     | "6405369".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S123 | 16    | (US-20040057565-\$ or US-20020126711-\$ or US-20040203989-\$ or US-20030095537-\$ or US-20020032761-\$).did. or (US-7191335-\$ or US-5748732-\$ or US-7039169-\$ or US-6594361-\$ or US-6973303-\$ or US-6154447-\$ or US-6904522-\$ or US-6219100-\$ or US-5307411-\$ or US-5422939-\$ or US-6405369-\$).did. or (WO-200004718-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/06/17<br>09:54 |
| S124 | 11    | S123 and @ad<"20020306"  | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/06/17<br>09:54 |
| S125 | 8     | (operate or continue or transmit) with only with cable with length with (exceed or within)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S126 | 18486 | (operate or continue or transmit) with only with (exceed or within)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S127 | 19838 | (operate or continue or transmit) with only with (connected or detected)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |

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| S128 | 308 | (transmit) adj6 only adj4 (connected or detected)                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S129 | 453 | (transmit) adj6 only adj6 (connected or detected)                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S130 | 18  | (transmit) adj6 only adj6 (connected or detected) and "709".clas. and @ad<"20020306" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S131 | 0   | EP-0726676\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S132 | 0   | EP-00726676\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S133 | 0   | EP-0000\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S134 | 3   | EP-000\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S135 | 794 | EP-00\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S136 | 0   | EP-0726676\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |

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| S137 | 16  | (US-20020126711-\$ or US-20040057565-\$ or US-20020032761-\$ or US-20040203989-\$ or US-20030095537-\$).did. or (US-6904522-\$ or US-5748732-\$ or US-7039169-\$ or US-7191335-\$ or US-6594361-\$ or US-6973303-\$ or US-6219100-\$ or US-5307411-\$ or US-6154447-\$ or US-6405369-\$ or US-5422939-\$).did. or (WO-200004718-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/06/17<br>09:54 |
| S138 | 11  | S137 and @ad<"20020306"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S139 | 11  | S137 and (@ad<"20020306" or @riad<"20020306")  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S140 | 2   | "5748732".did.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/17<br>09:54 |
| S141 | 451 | entitlement adj3 message and @ad<"20020306"  | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/06/17<br>09:54 |
| S142 | 28  | entitlement adj3 message and @ad<"20020306" and master with slave  | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/06/17<br>09:54 |
| S143 | 92  | entitlement adj3 message and @ad<"20020306" and periodic\$5 same transmit\$5   | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/06/17<br>09:54 |
| S144 | 19  | S143 and S142  | US-PGPUB;<br>USPAT;<br>DERWENT  | ADJ | ON | 2008/06/17<br>09:54 |

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